

RAW SEQUENCE LISTING

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Application Serial Number: 10/529,510A

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PCT

RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/529,510A

TIME: 12:51:36

Input Set : A:\39620a.txt

Output Set: N:\CRF4\03032006\J529510A.raw

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3 <110> APPLICANT: VOLZ et al.
5 <120> TITLE OF INVENTION: ANTI-ANGIOGENIC FRAGMENTS OF PIGMENT EPITHELIUM-DERIVED
FACTOR
6 (PEDF)
8 <130> FILE REFERENCE: 27611/39620
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/529,510A
C--> 10 <141> CURRENT FILING DATE: 2005-03-28
10 <150> PRIOR APPLICATION NUMBER: US 60/413,685
11 <151> PRIOR FILING DATE: 2002-09-26
13* <150> PRIOR APPLICATION NUMBER: US 60/417,688
14 <151> PRIOR FILING DATE: 2002-10-10
16 <160> NUMBER OF SEQ ID NOS: 24
18 <170> SOFTWARE: PatentIn version 3.2
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 398
22 <212> TYPE: PRT
23 <213> ORGANISM: Homo sapiens
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27 Asn Pro Ala Ser Pro Pro Glu Glu Gly Ser Pro Asp Pro Asp Ser Thr
28 1 5 10 15
31 Gly Ala Leu Val Glu Glu Glu Asp Pro Phe Phe Lys Val Pro Val Asn
32 20 25 30
35 Lys Leu Ala Ala Val Ser Asn Phe Gly Tyr Asp Leu Tyr Arg Val
36 35 40 45
39 Arg Ser Ser Met Ser Pro Thr Thr Asn Val Leu Leu Ser Pro Leu Ser
40 50 55 60
43 Val Ala Thr Ala Leu Ser Ala Leu Ser Leu Gly Ala Glu Gln Arg Thr
44 65 70 75 80
47 Glu Ser Ile Ile His Arg Ala Leu Tyr Tyr Asp Leu Ile Ser Ser Pro
48 85 90 95
51 Asp Ile His Gly Thr Tyr Lys Glu Leu Leu Asp Thr Val Thr Ala Pro
52 100 105 110
55 Gln Lys Asn Leu Lys Ser Ala Ser Arg Ile Val Phe Glu Lys Lys Leu
56 115 120 125
59 Arg Ile Lys Ser Ser Phe Val Ala Pro Leu Glu Lys Ser Tyr Gly Thr
60 130 135 140
64 Arg Pro Arg Val Leu Thr Gly Asn Pro Arg Leu Asp Leu Gln Glu Ile
65 145 150 155 160
68 Asn Asn Trp Val Gln Ala Gln Met Lys Gly Lys Leu Ala Arg Ser Thr
69 165 170 175
72 Lys Glu Ile Pro Asp Glu Ile Ser Ile Leu Leu Leu Gly Val Ala His
73 180 185 190
76 Phe Lys Gly Gln Trp Val Thr Lys Phe Asp Ser Arg Lys Thr Ser Leu
77 195 200 205

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80 Glu Asp Phe Tyr Leu Asp Glu Glu Arg Thr Val Arg Val Pro Met Met
81      210                      215                      220
84 Ser Asp Pro Lys Ala Val Leu Arg Tyr Gly Leu Asp Ser Asp Leu Ser
85 225                      230                      235                      240
88 Cys Lys Ile Ala Gln Leu Pro Leu Thr Gly Ser Met Ser Ile Ile Phe
89                      245                      250                      255
92 Phe Leu Pro Leu Lys Val Thr Gln Asn Leu Thr Leu Ile Glu Glu Ser
93                      260                      265                      270
96 Leu Thr Ser Glu Phe Ile His Asp Ile Asp Arg Glu Leu Lys Thr Val
97      275                      280                      285
100 Gln Ala Val Leu Thr Val Pro Lys Leu Lys Leu Ser Tyr Glu Gly Glu
101      290                      295                      300
104 Val Thr Lys Ser Leu Gln Glu Met Lys Leu Gln Ser Leu Phe Asp Ser
105 305                      310                      315                      320
108 Pro Asp Phe Ser Lys Ile Thr Gly Lys Pro Ile Lys Leu Thr Gln Val
109                      325                      330                      335
112 Glu His Arg Ala Gly Phe Glu Trp Asn Glu Asp Gly Ala Gly Thr Thr
113                      340                      345                      350
116 Pro Ser Pro Gly Leu Gln Phe Ala His Leu Thr Phe Pro Leu Asp Tyr
117      355                      360                      365
120 His Leu Asn Gln Pro Phe Ile Phe Val Leu Arg Asp Thr Asp Thr Gly
121      370                      375                      380
124 Ala Leu Leu Phe Ile Gly Lys Ile Leu Asp Pro Arg Gly Pro
125 385                      390                      395
128 <210> SEQ ID NO: 2
129 <211> LENGTH: 11
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Synthetic peptide
136 <400> SEQUENCE: 2
138 Thr Gly Ala Leu Val Glu Glu Glu Asp Pro Phe
139 1      5                      10
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143 <211> LENGTH: 11
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Synthetic peptide
150 <400> SEQUENCE: 3
152 Glu Arg Thr Glu Ser Ile Ile His Arg Ala Leu
153 1      5                      10
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158 <212> TYPE: PRT
159 <213> ORGANISM: Artificial sequence
161 <220> FEATURE:
162 <223> OTHER INFORMATION: Synthetic peptide
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170 Ser
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175 <212> TYPE: PRT
176 <213> ORGANISM: Artificial sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Synthetic peptide
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183 Ser Ser Pro Asp Ile His Gly Thr Tyr Lys Glu
184 1          5          10
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188 <211> LENGTH: 17
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Synthetic peptide
195 <400> SEQUENCE: 6
197 Leu Tyr Tyr Asp Leu Ile Ser Ser Pro Asp Ile His Gly Thr Tyr Lys
198 1          5          10          15
201 Glu
204 <210> SEQ ID NO: 7
205 <211> LENGTH: 5
206 <212> TYPE: PRT
207 <213> ORGANISM: Artificial sequence
209 <220> FEATURE:
210 <223> OTHER INFORMATION: Synthetic peptide
212 <400> SEQUENCE: 7
214 Val Glu Glu Asp Pro
215 1          5
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218 <211> LENGTH: 11
219 <212> TYPE: PRT
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223 <223> OTHER INFORMATION: Synthetic peptide
225 <400> SEQUENCE: 8
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228 1          5          10
231 <210> SEQ ID NO: 9
232 <211> LENGTH: 18
233 <212> TYPE: PRT
234 <213> ORGANISM: Artificial sequence
236 <220> FEATURE:
237 <223> OTHER INFORMATION: Synthetic peptide
239 <400> SEQUENCE: 9
241 Thr Gly Ala Leu Val Glu Glu Glu Asp Pro Phe Phe Lys Val Pro Val
242 1          5          10          15

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264 <212> TYPE: PRT
265 <213> ORGANISM: Artificial sequence
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268 <223> OTHER INFORMATION: Synthetic peptide
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276 Tyr Arg Val Arg Ser Ser Met Ser Pro
277          20          25
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282 <212> TYPE: PRT
283 <213> ORGANISM: Artificial sequence
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286 <223> OTHER INFORMATION: Synthetic peptide
288 <400> SEQUENCE: 12
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294 Tyr Arg Val Arg Ser Ser Met Ser Pro
295          20          25
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299 <211> LENGTH: 6
300 <212> TYPE: PRT
301 <213> ORGANISM: Artificial sequence
303 <220> FEATURE:
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306 <400> SEQUENCE: 13
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309 1          5
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313 <211> LENGTH: 6
314 <212> TYPE: PRT
315 <213> ORGANISM: Artificial sequence
317 <220> FEATURE:
318 <223> OTHER INFORMATION: Synthetic peptide
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328 <212> TYPE: PRT
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336 Tyr Arg Val Arg Ser Ser Met Ser Pro
337 1      5
340 <210> SEQ ID NO: 16
341 <211> LENGTH: 6
342 <212> TYPE: PRT
343 <213> ORGANISM: Artificial sequence
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Synthetic peptide
348 <400> SEQUENCE: 16
350 Asp Glu Arg Thr Glu Ser
351 1      5
354 <210> SEQ ID NO: 17
355 <211> LENGTH: 7
356 <212> TYPE: PRT
357 <213> ORGANISM: Artificial sequence
359 <220> FEATURE:
360 <223> OTHER INFORMATION: Synthetic peptide
362 <400> SEQUENCE: 17
364 His Arg Ala Leu Tyr Tyr Asp
365 1      5
368 <210> SEQ ID NO: 18
369 <211> LENGTH: 6
370 <212> TYPE: PRT
371 <213> ORGANISM: Artificial sequence
373 <220> FEATURE:
374 <223> OTHER INFORMATION: Synthetic peptide
376 <400> SEQUENCE: 18
378 Tyr Tyr Asp Leu Ile Ser
379 1      5
383 <210> SEQ ID NO: 19
384 <211> LENGTH: 17
385 <212> TYPE: PRT
386 <213> ORGANISM: Artificial sequence
388 <220> FEATURE:
389 <223> OTHER INFORMATION: Synthetic peptide
391 <400> SEQUENCE: 19
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394 1      5      10      15
397 Ser
400 <210> SEQ ID NO: 20
401 <211> LENGTH: 17

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VERIFICATION SUMMARY

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Input Set : A:\39620a.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date